BRUHAT BANGALORE MAHANAGARA PALIKE
FORM PWG -45 WORK SLIP STATEMENT

Work :- Development of roads and drains at Maruthinagara 4th main and cross roads Basaveshwaranagara and Shivanahalli surrounding areas in ward no:01of Yelahanka division (Package no-7)

Sanctioned Estimate Amount: Rs. 4,00,00,000.00

Name of the Contractor: Sri. K B Alankar

Sanctioned Tender Amount: Rs. 3,50,43,880.39

Operative Tender Premium 4.90% Above

Description of Item	Unit	As per Sch.B			As per Modified Sch.B			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing,complete with all lead and lift as per the direction of engineer-in-charge	Cum	212.01	6532.81	1385021.88	219.63	6532.81	1434801.92	219.63	219.63	6532.81	1434801.92	0.00	6532.81	0.00	1434801.92	49780.04	
Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete with all lead and lift as per the direction of engineer-in-charge	Cum	245.54	4685.62	1150507.08	425.72	4685.62	1994740.96	425.72	425.72	4685.62	1994740.96	0.00	4685.62	0.00	1994740.96	844233.88	
Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge	Cum	420.89	7395.43	3112662.20	606.64	7395.43	4486387.21	606.64	606.64	7395.43	4486387.21	0.00	7395.43	0.00	4486387.21	1373725.01	
Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge (1.2 x 0.60 x 0.25)Data rate	Sqm	208.08	5667.23	1179236.80	221.04	5667.23	1252684.08	221.04	221.04	5667.23	1252684.08	0.00	5667.23	0.00	1252684.08	73447.27	
Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete with all lead and lift as per the direction of engineer-in-charge	Cum	976.00	56.81	55444.86	1160.25	56.81	65911.76	1160.25	1160.25	56.81	65911.76	0.00	56.81	0.00	65911.76	10466.89	

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	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete with all lead and lift as per the direction of engineer-in-charge	Cum	409.65	2086.69	854811.05	426.30	2086.69	889557.51	426.30	426.30	2086.69	889557.51	0.00	2086.69	0.00	889557.51	34746.46
20	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete with all lead and lift as per the direction of engineer-in-charge	Cum	43.09	2093.34	90193.60	47.52	2093.34	99472.32	47.52	47.52	2093.34	99472.32	0.00	2093.34	0.00	99472.32	9278.72
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 Complete with all lead and lift and as per the direction of the Engineer-in-Charge.	Sqm	954.79	31.05	29641.72	988.30	31.05	30682.05	988.30	988.30	31.05	30682.05	0.00	31.05	0.00	30682.05	1040.33
22	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. Clause 505 of morth V revision using 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen.complete with all lead and lift as per the direction of engineer-in-charge	Cum	257.65	6702.45	1726873.92	309.12	6702.45	2071851.58	309.12	309.12	6702.45	2071851.58	0.00	6702.45	0.00	2071851.58	344977.66
26	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete with all lead and lift as per the direction of engineer-in-charge	Sqm	539.32	475.66	256531.89	638.40	475.66	303660.09	638.40	638.40	475.66	303660.09	0.00	475.66	0.00	303660.09	47128.20
	TOTAL				35043880.39			35040463.23				35040463.23			0.00	35040463.23	2788824.47

Percentage of excess comparing to the sanctioned Estimated cost = $\frac{2788824.47}{35043880.39} \times 100 = 7.96\ \%$

Agency

AE
Ward 01

WORK CLIP APPROVED

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AEE
Yelahanka Sub Division

Executive Engineer
Yelahanka Division